

172A 3075 PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

TOSHIKAZU UCHIYAMA

Serial No.: 09/762,846

Filed: February 9, 2001

For: PIEZO-OSCILLATOR

Art Unit: 2834

Examiner: Thomas Dougherty

FAX RECEIVED

FEB 19 2003

AMENDMENT

TECHNOLOGY CENTER 2800

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated November 27, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claim 1 (twice amended) as follows:

1. (Thrice Amended) A piezo-oscillator comprising:
an oscillator circuit including a piezo-vibrator and an amplifier circuit, said piezo-vibrator being connected to an input of said amplifier circuit so that a frequency that is based upon resonance frequency of said piezo-vibrator is outputted from an output of said amplifier circuit,
a constant-voltage circuit connected to a power source, and
a first switch circuit that connects, by selection, either one of said power source and said constant-voltage circuit to said amplifier circuit; wherein
said first switch circuit
selects said constant-voltage circuit when a voltage to be supplied from said power source is equal to or lower than a predetermined value and
selects said power source when a voltage to be supplied from said power source is higher than said predetermined value.